DOCKET NO.: ISIS-5320 **PATENT**
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LISTING OF THE CLAIMS: This claim listing replaces all prior versions and listings of claims in the instant application.

Claims 1-55 (***Canceled***)

56. (***New***) An oligonucleotide having at least one β-D-erythro-pentofuranosyl sugar monomeric subunit, wherein said β-D-erythro-pentofuranosyl sugar monomeric subunit is substituted at the 2'-position and is coupled 1' to 1 to a substituted pyrimidine through a glycosyl linkage.

57. (***New***) The oligonucleotide of claim 56, wherein the substitution at the 2'-position is 2'-O-substituted.

58. (***New***) The oligonucleotide of claim 57, wherein the 2'-O-substituent is unsubstituted or substituted alkyl.

59. (***New***) The oligonucleotide of claim 58, wherein the 2'-O-substituent is 2'-OCH_3.

60. (***New***) The oligonucleotide of claim 58, wherein the 2'-O-substituent is 2'-O-alkyl further substituted with alkoxy.

61. (***New***) The oligonucleotide of claim 56, wherein the substitution at the 2'-position is 2'-halo.

62. (***New***) The oligonucleotide of claim 61, wherein the substitution at the 2'-position is 2'-fluoro.

63. (***New***) The oligonucleotide of claim 56, wherein the substituted pyrimidine is substituted at the 5-position of the pyrimidine.

64. (*New*) The oligonucleotide of claim 63, wherein the 5-position of the pyrimidine is substituted with halo, substituted or unsubstituted alkyl, substituted or unsubstituted alkenyl, or substituted or unsubstituted alkynyl.

65. (*New*) The oligonucleotide of claim 64, wherein the 5-position of the pyrimidine is substituted with substituted or unsubstituted alkyl.

66. (*New*) The oligonucleotide of claim 65, wherein the 5-position of the pyrimidine is substituted with $-CH_3$.

67. (*New*) The oligonucleotide of claim 66, wherein the 5-position of the pyrimidine is substituted with substituted or unsubstituted alkynyl.

68. (*New*) The oligonucleotide of claim 56 or 64, having at least one modified internucleoside linkage.

69. (*New*) The oligonucleotide of claim 68, wherein said modified internucleoside linkage is a phosphorothioate internucleoside linkage.